

Hobby King DLG build menu

1. packing list:

2 pieces of wing

1 pod

1 carbon boom

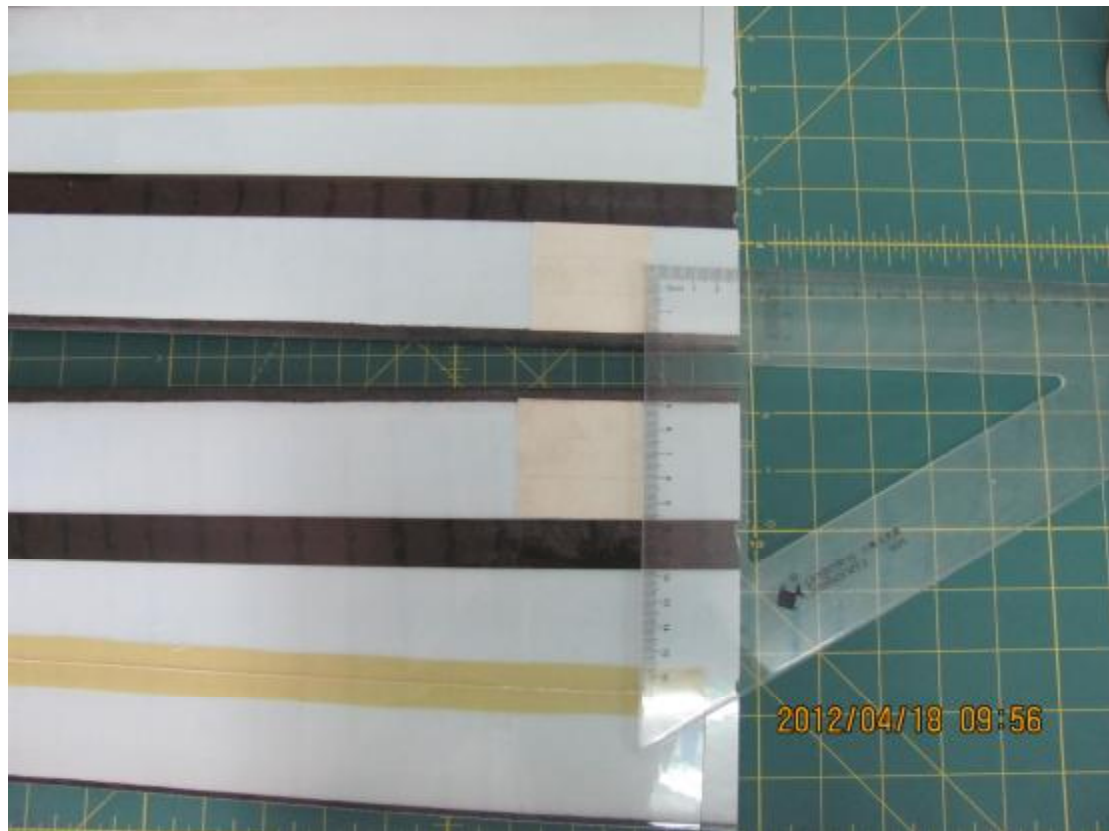
1 tail group

1 bag of accessories

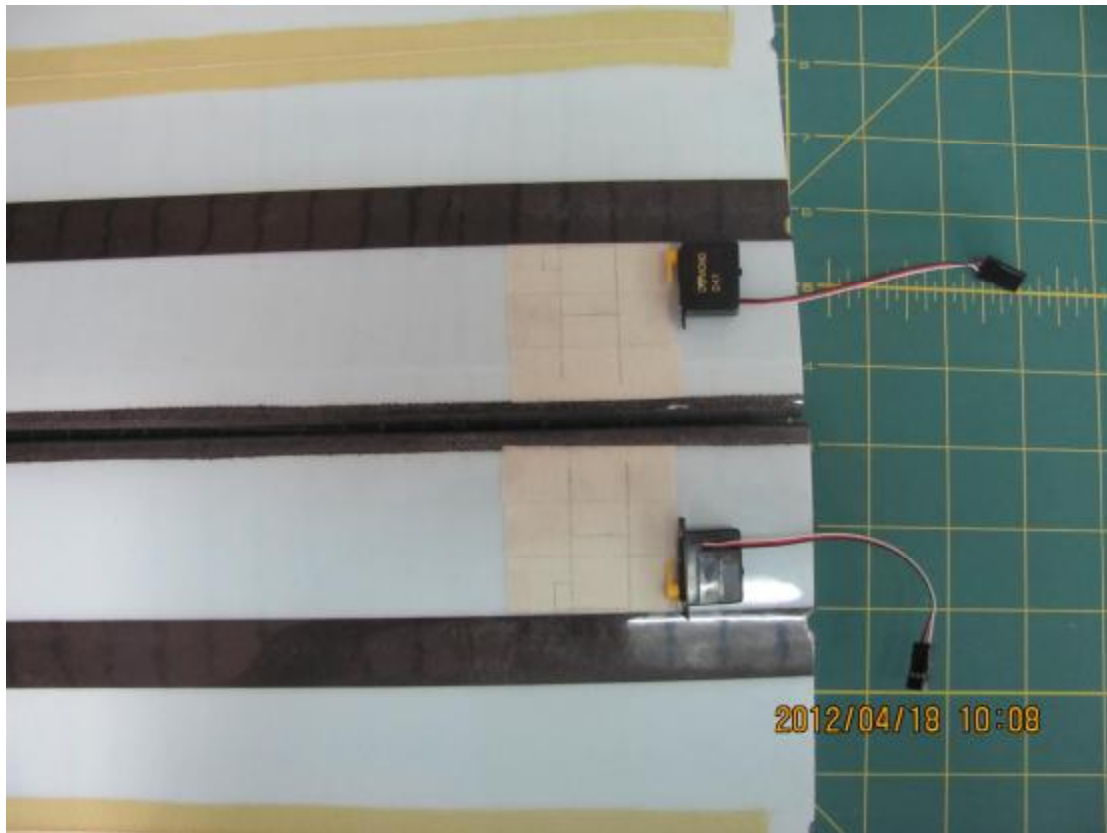


1. wing install

1.1 paste up the mask tape on the bottom of the wing



1.2 draw the servo outline on the mask tape



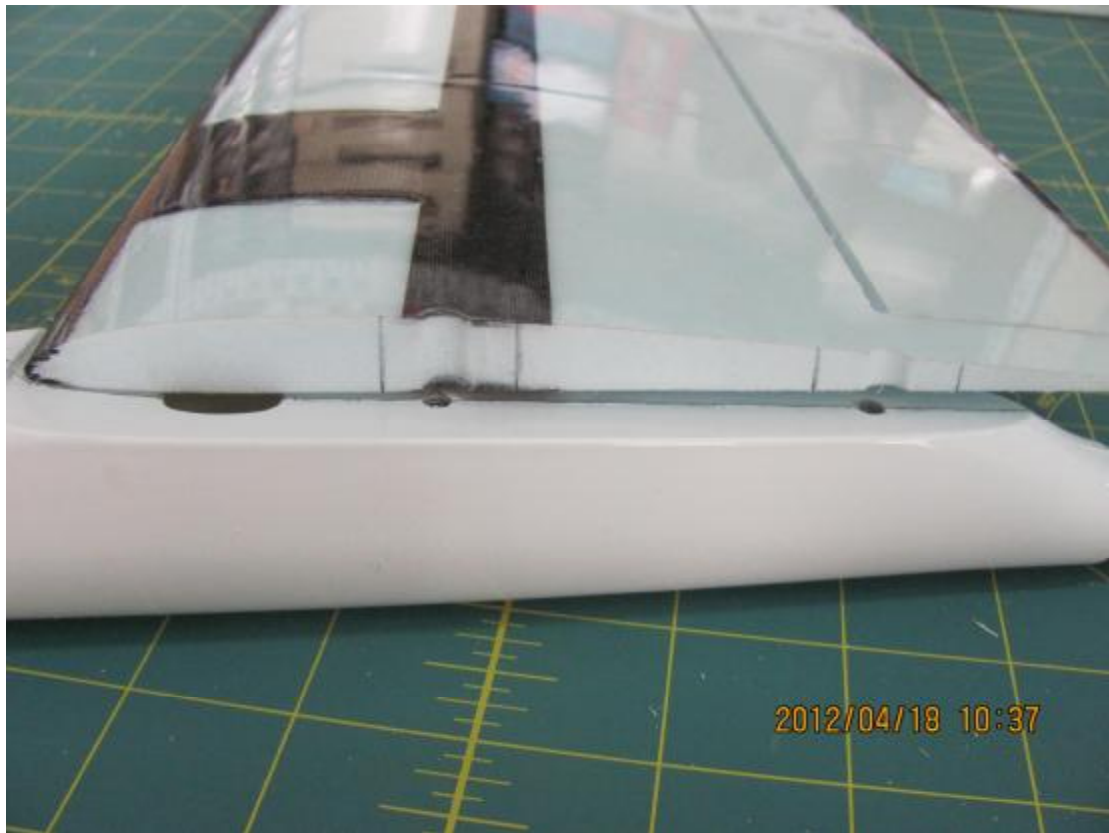
1.3 cut the outline with hobby knife, and remove the fiberglass.



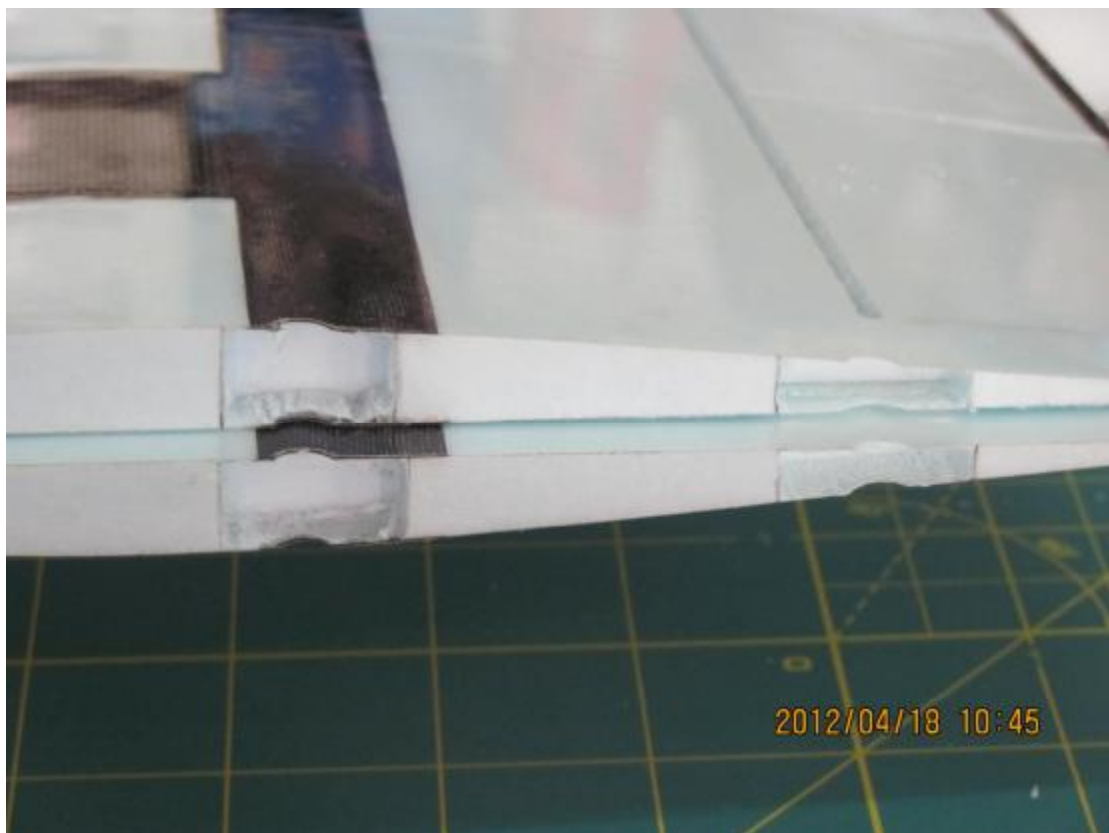
1.4 cut the servo holes



1.5 put the wing on the pod and draw line



1.5 cut the holes. The depth is 10 mm.

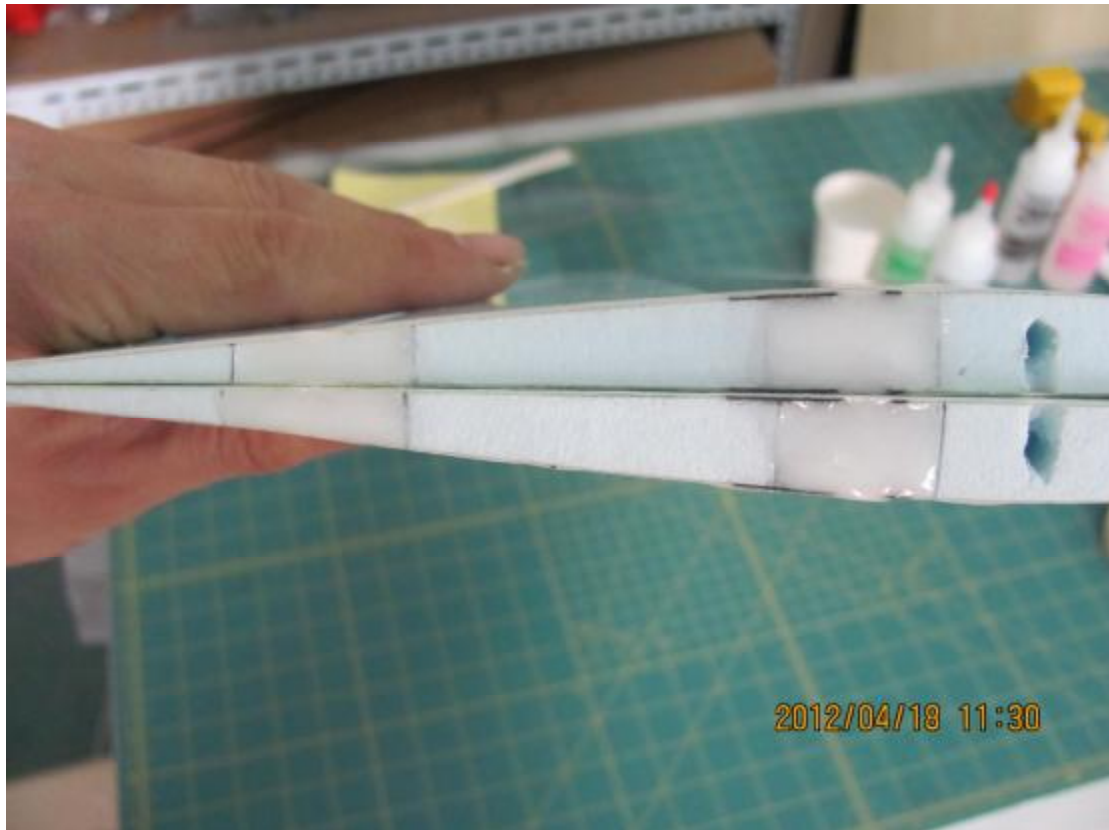


1.6 drill the sero wire holes.





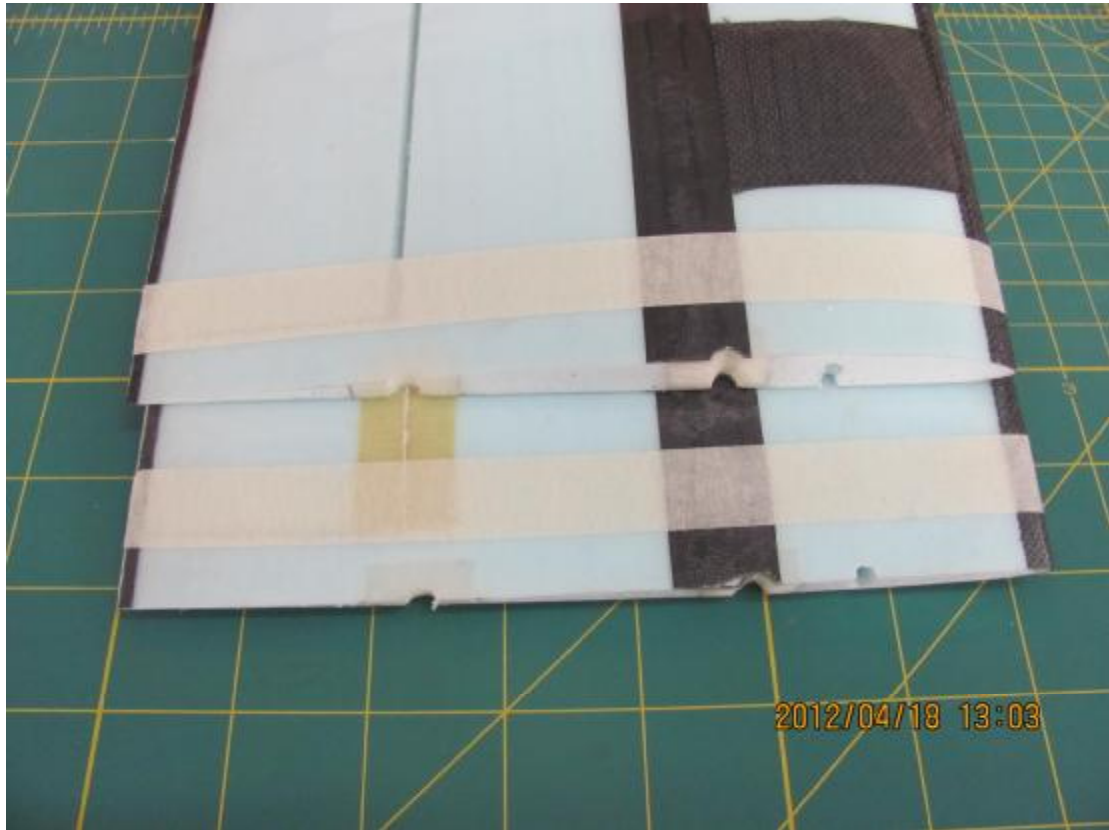
1.7 mix 30 min exoxy with micro-balloons filler and put it in the holes cutted.



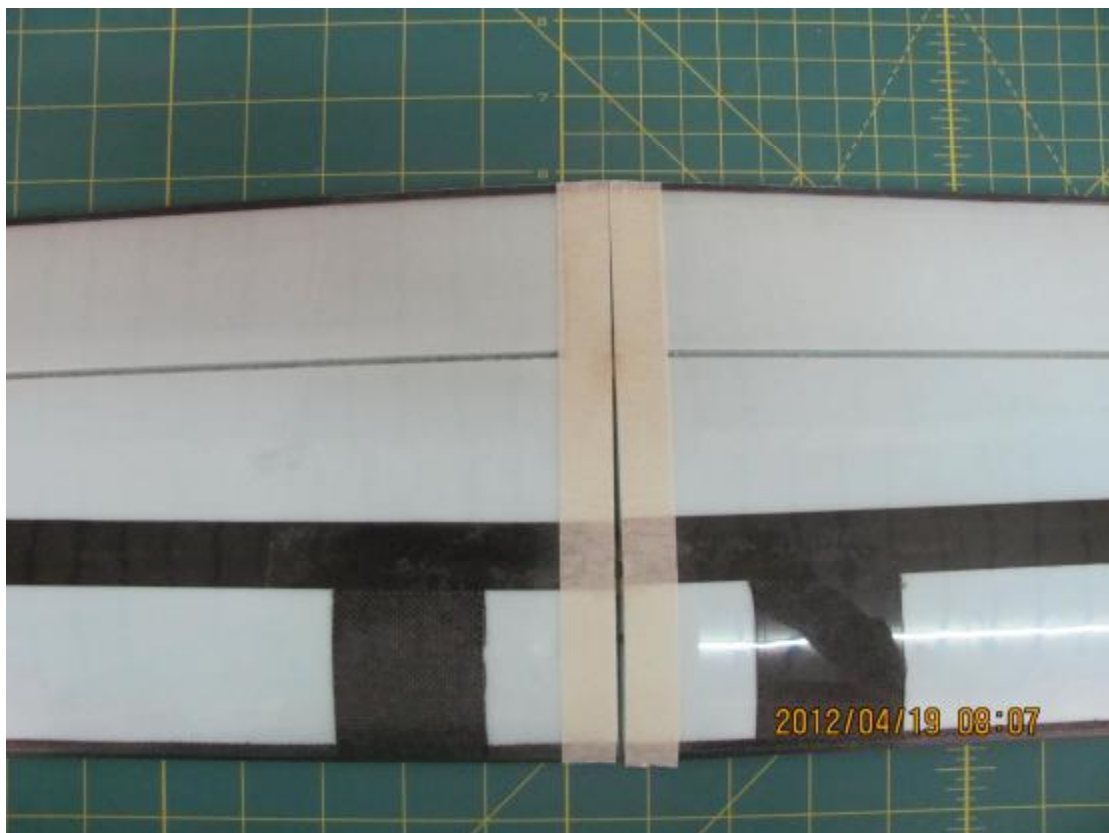
1.8 after it curing, cut the half holes



1.9 put the mask tape on the wing, then sand the surface of the wing.

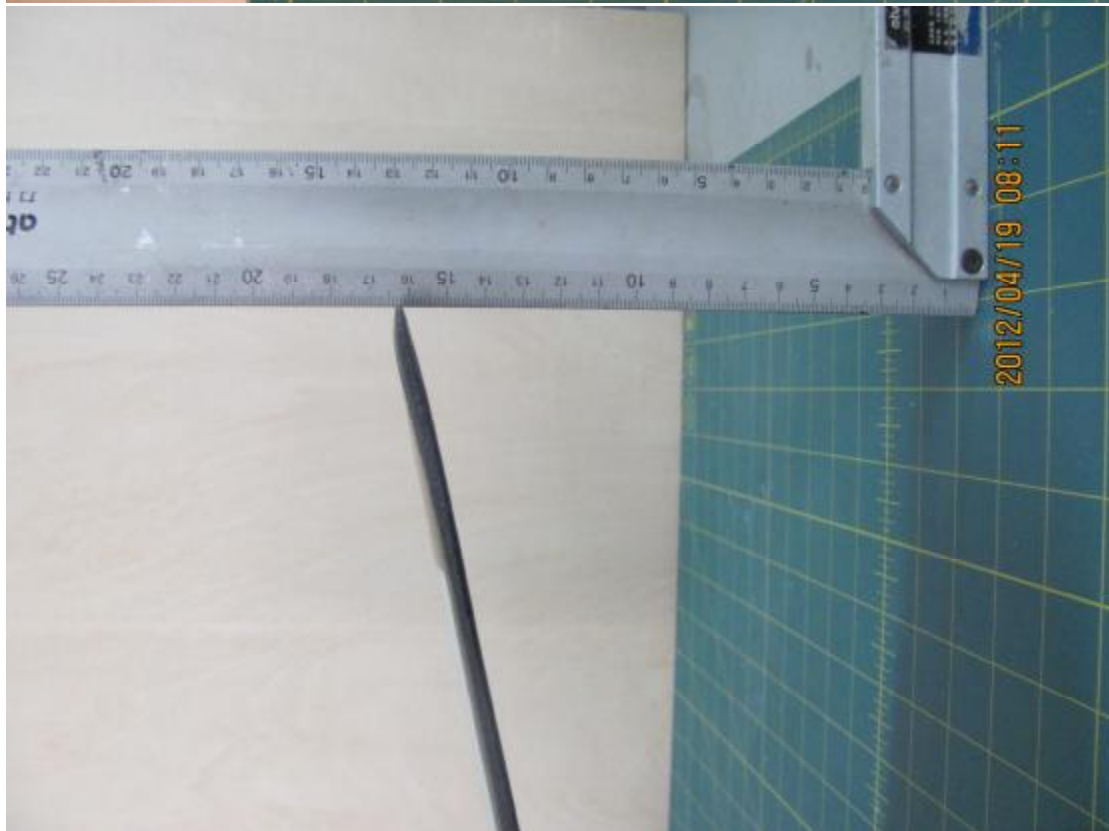
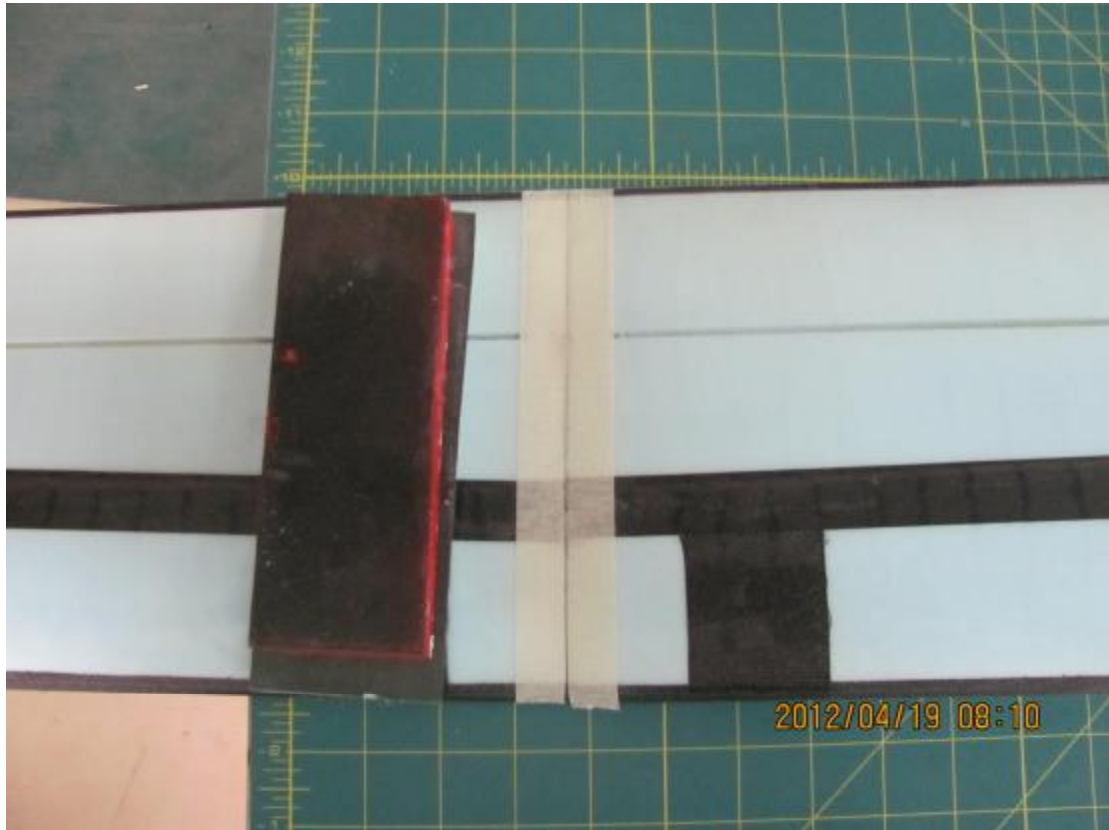


1.10 put the mask tape on the bottom of the wing and
join 2 pieces of wing



1.11 stick 2 pieces of wings with 30 mins epoxy. one side

height is 162mm.let it cure.



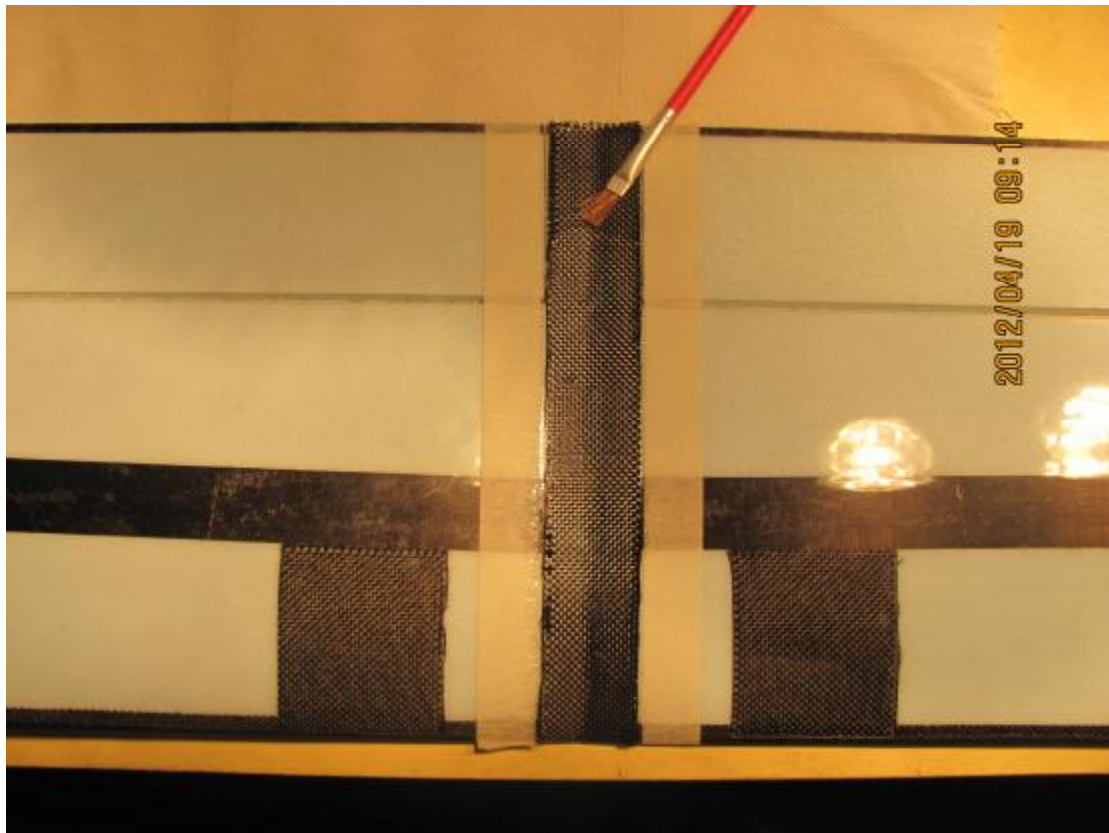
1.12 after curing ,cut 2 pieces of carbon fiber ,width is 25mm ,185mm length.



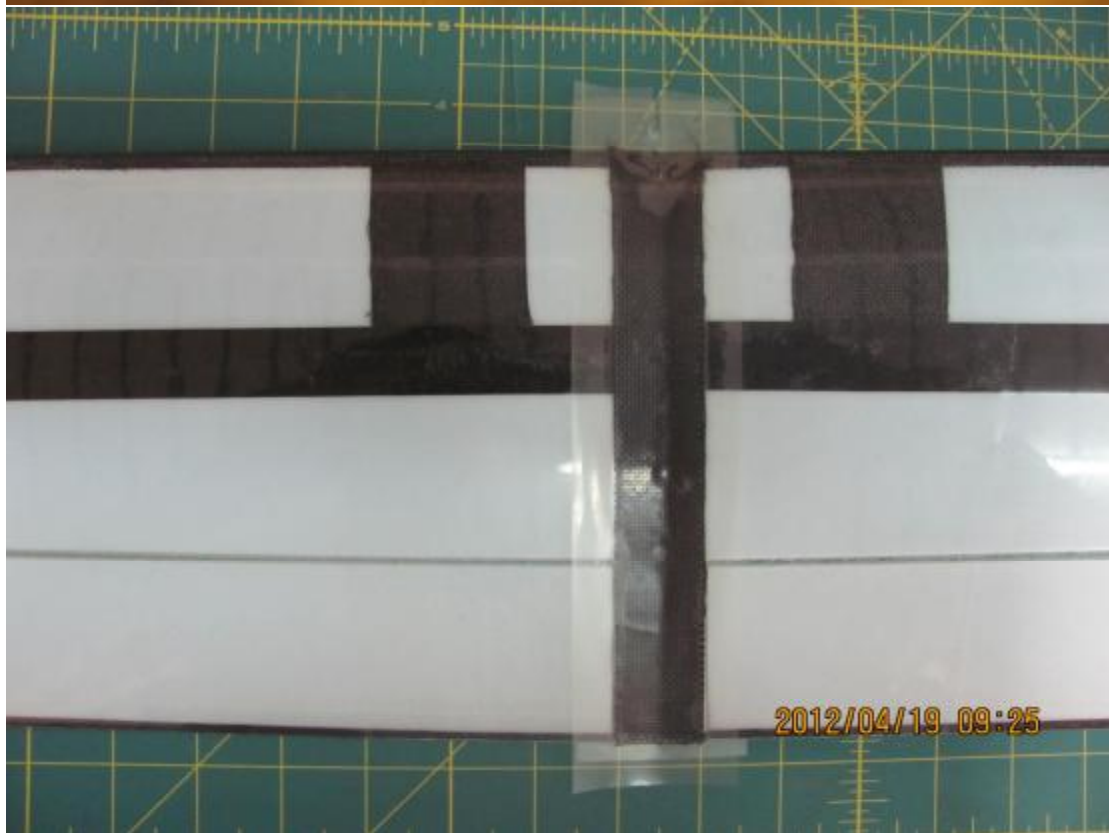
1.13 put the the mask tape on the wing,and stick carbon fiber on the wing with 3m spray.



1.14 wet the carbon fiber with finishing resin.



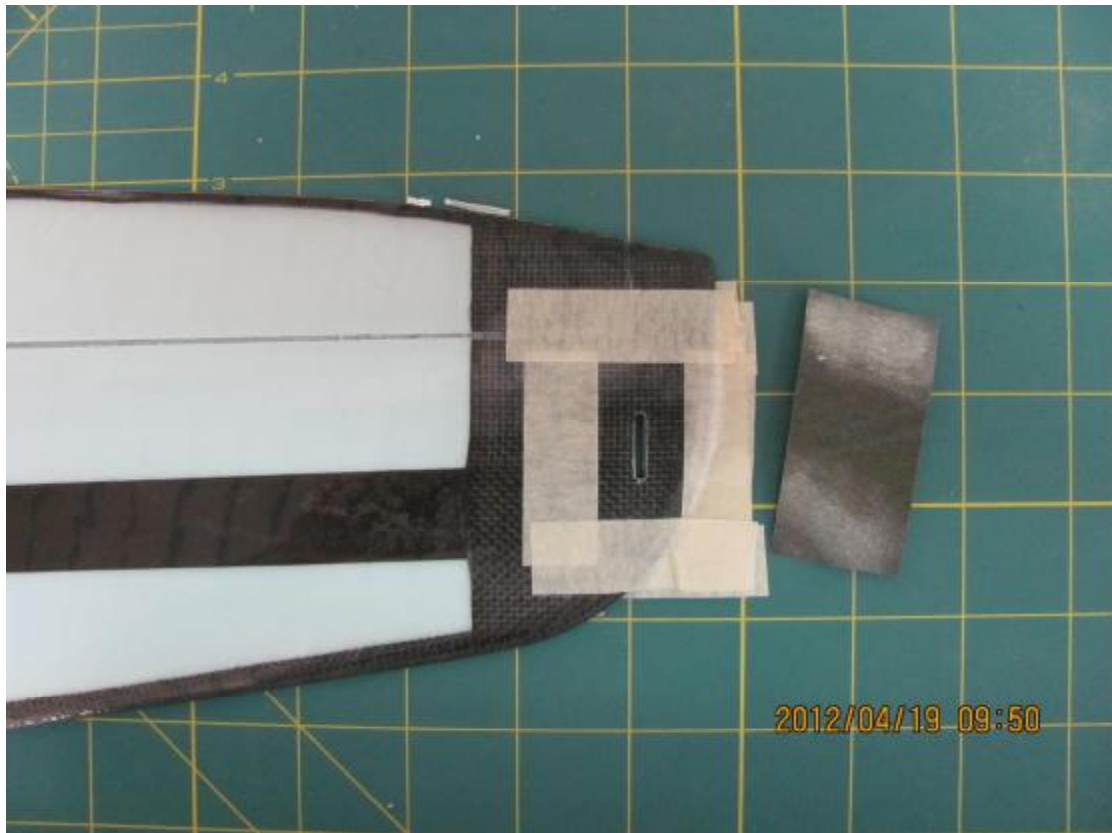
1.14 remove the extra finishing resin with toilet paper, and put the plastic on wing wing.let it cure.

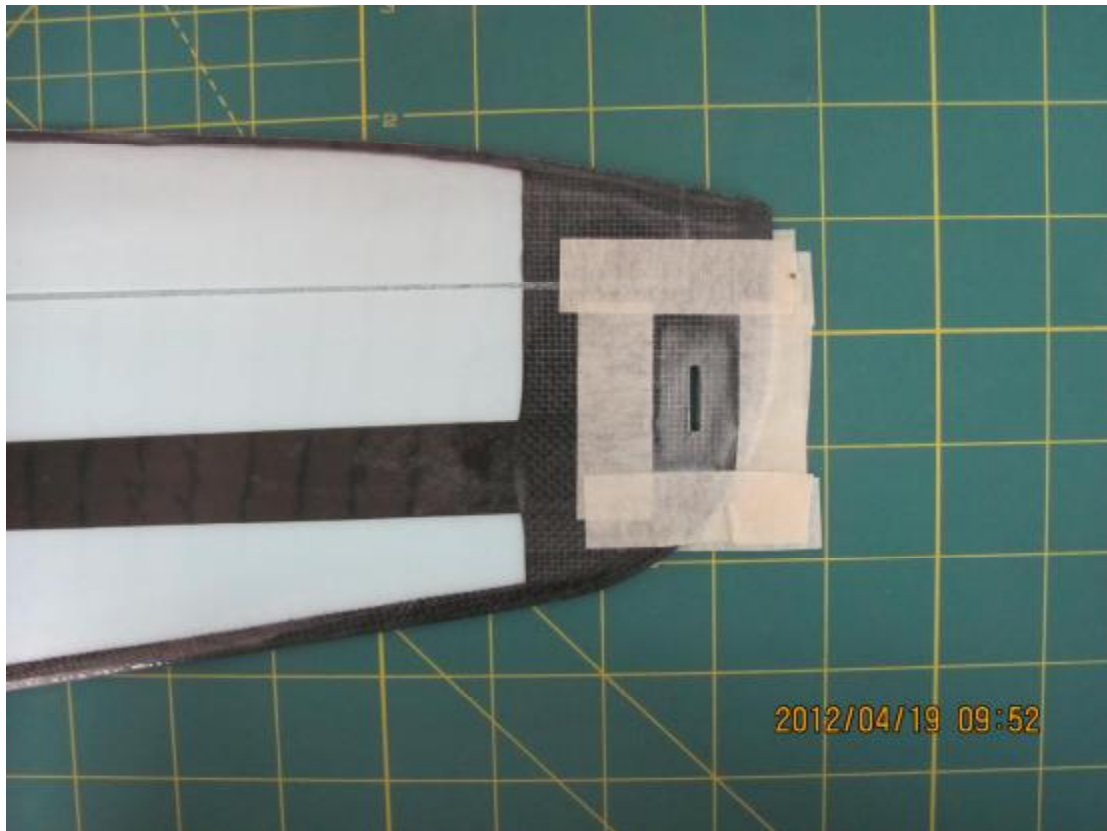


1.15 sand the peg at the jion area,and cut the hole for

installing the peg.





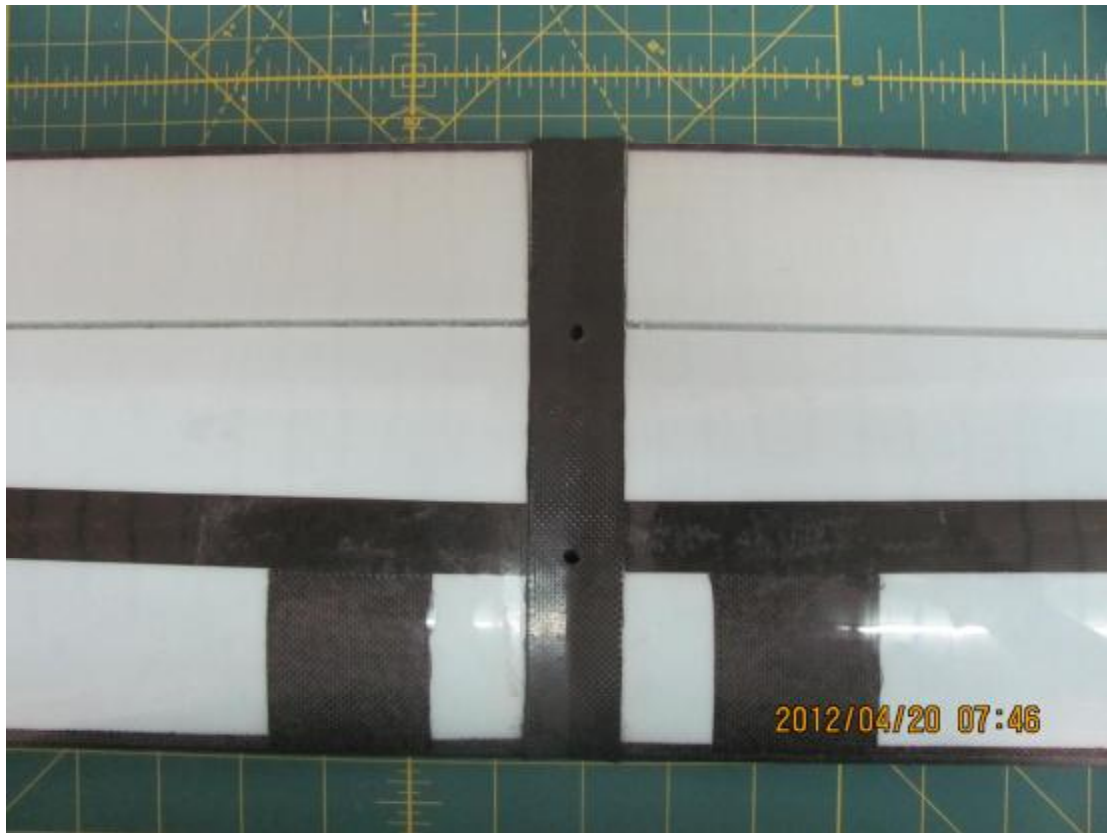


1.16 cut 2 pieces of carbon fiber and stick them on the both sides of the wing tip. Put the finishing resin on it ,press it with clip ,don't forget put the plastic on the carbon fiber first.



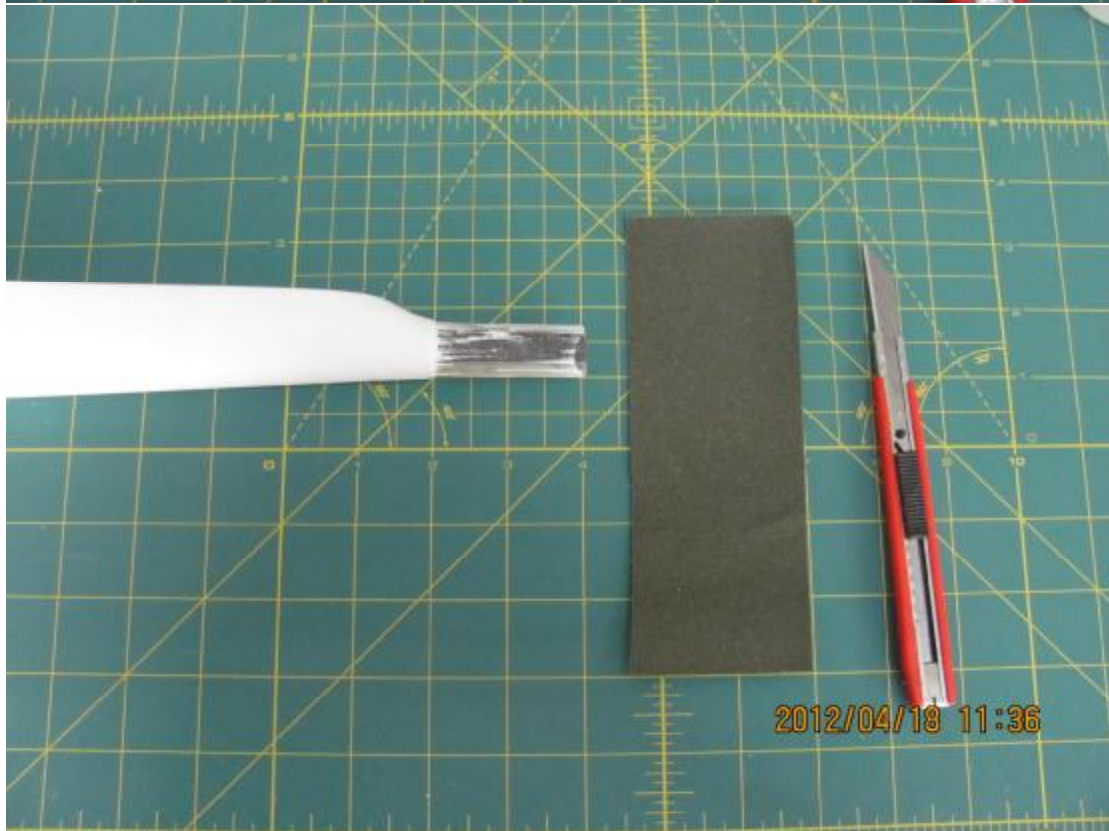
1.17 cut the hole and bond the peg.now we finsh the wing jion.





2. pod install

2.1 clean and sand the end of the pod.



2.2 stick the mask tape on the end of the boom.draw

center line,then cut it with saw blade.







2.3 remove the fiberglass on the slot, and sand the horn, then bond it with rudder.





2.4 put the mask tape on the rudder and the boom,sand them.then bond them together.







2.5 draw center line on the bottom of elevator with mark
on it,snad the horn.bond them
toghter.





2.6 cut 2 pieces of balsa block(length 25mm),bond it,
sand
it.



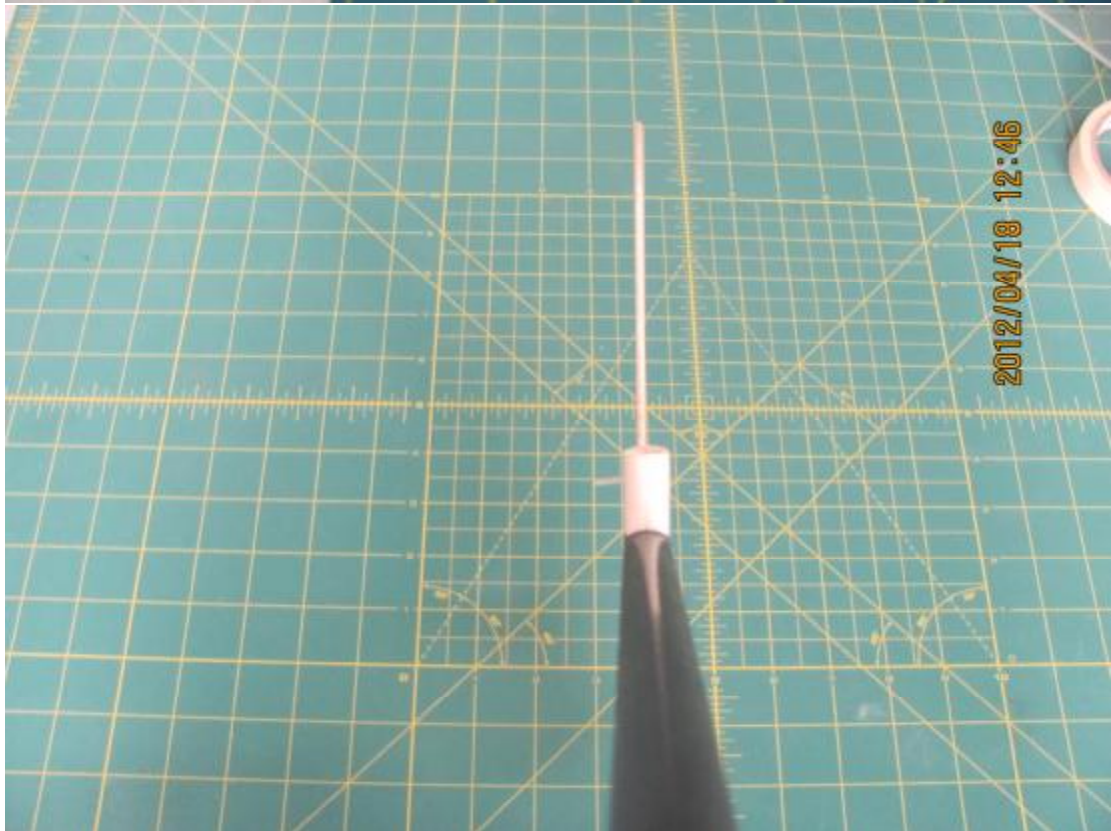


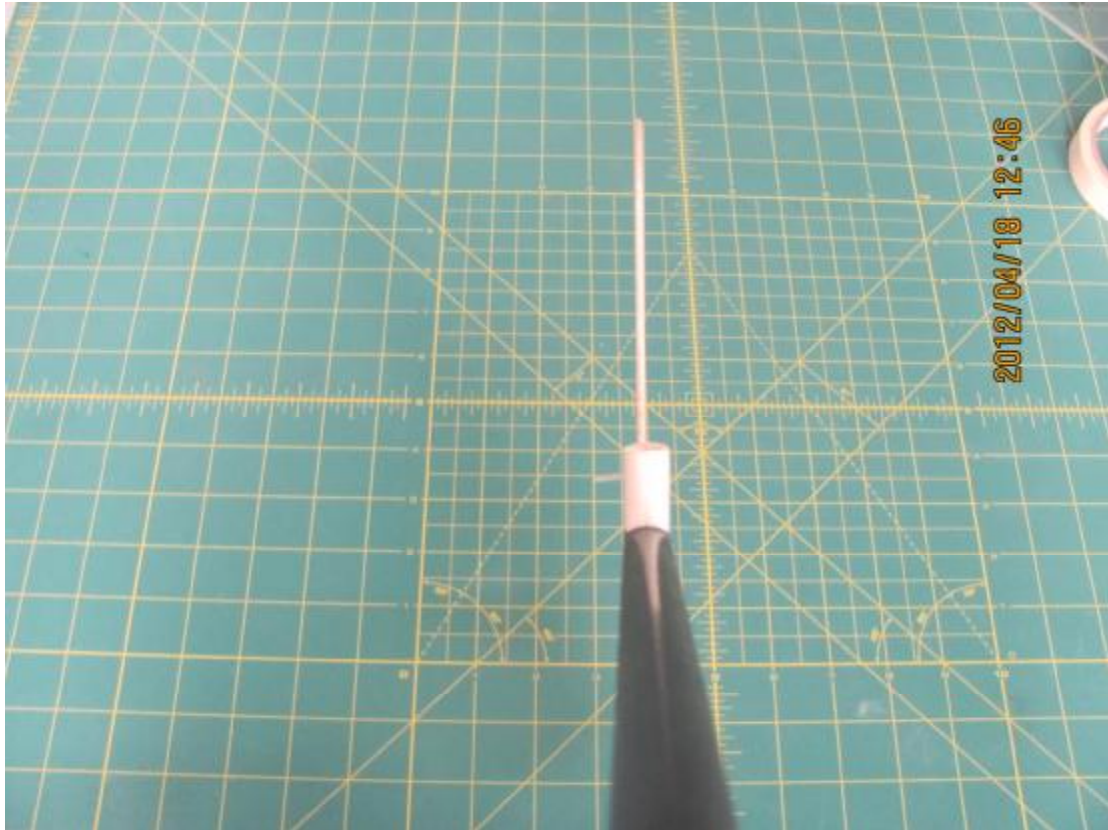


2.7 sand the mark area ,boom.then bond them.

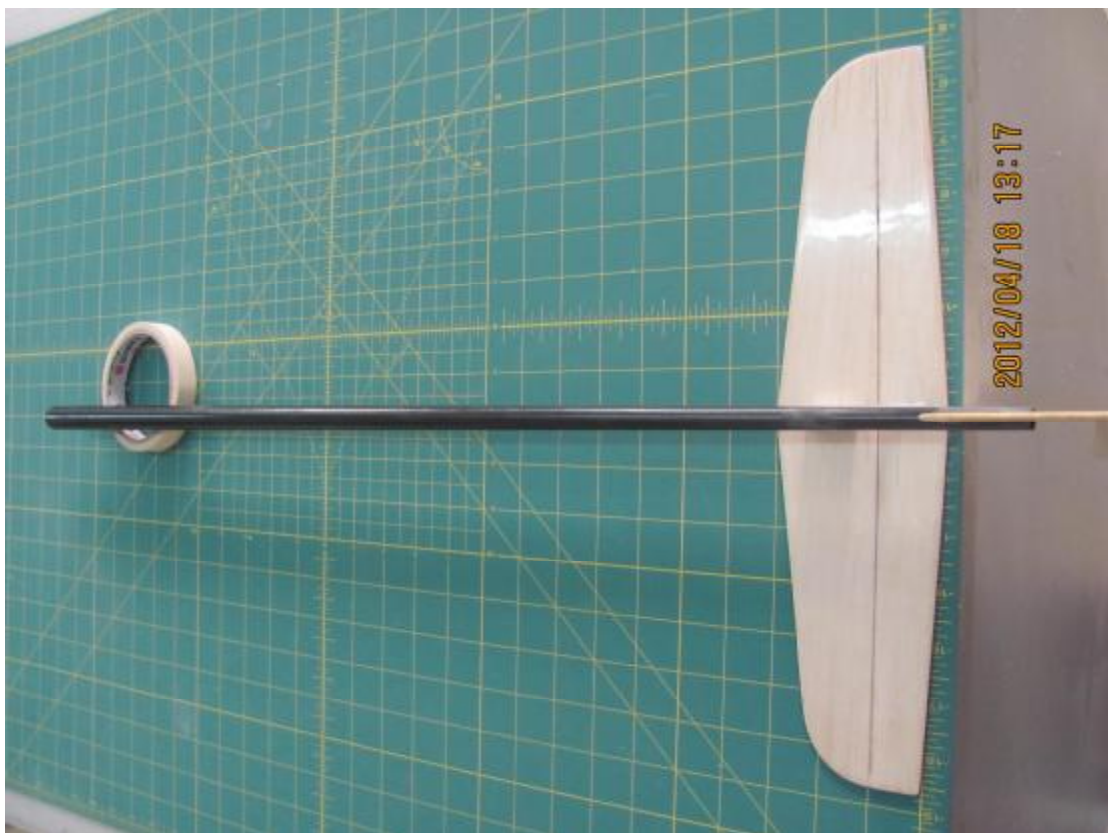






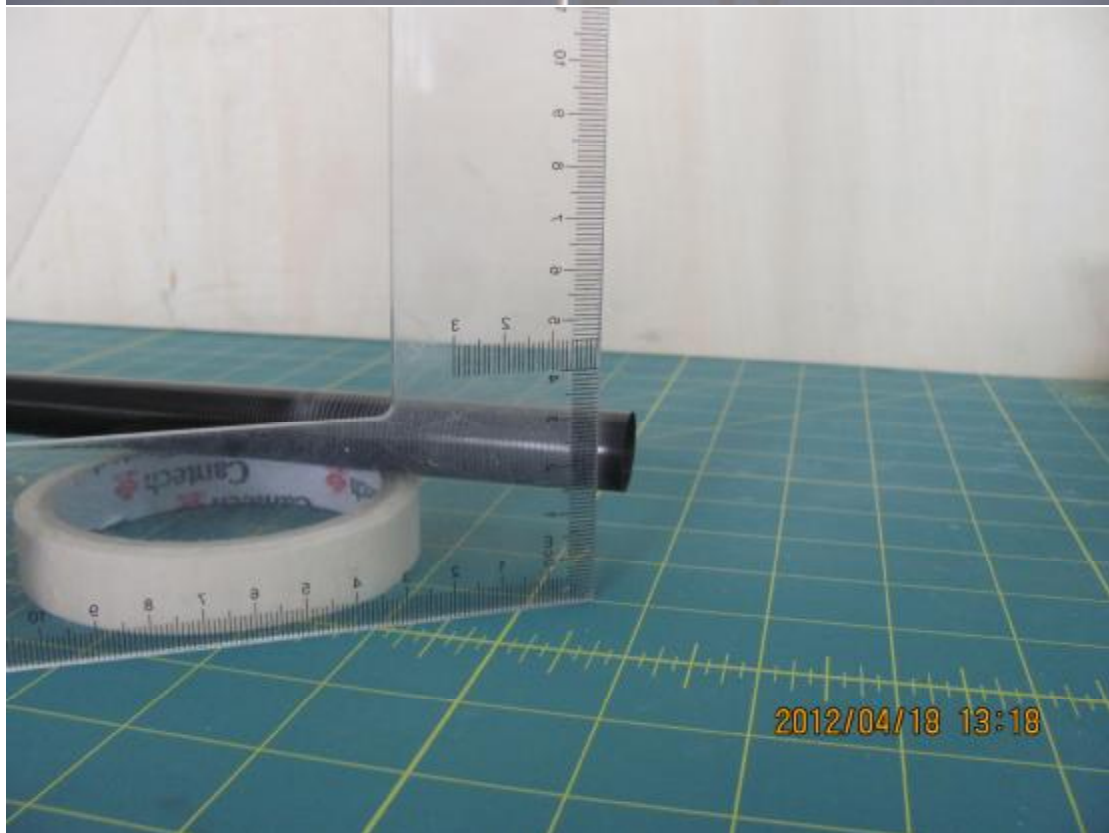


2.8 bond the elevator with CA.





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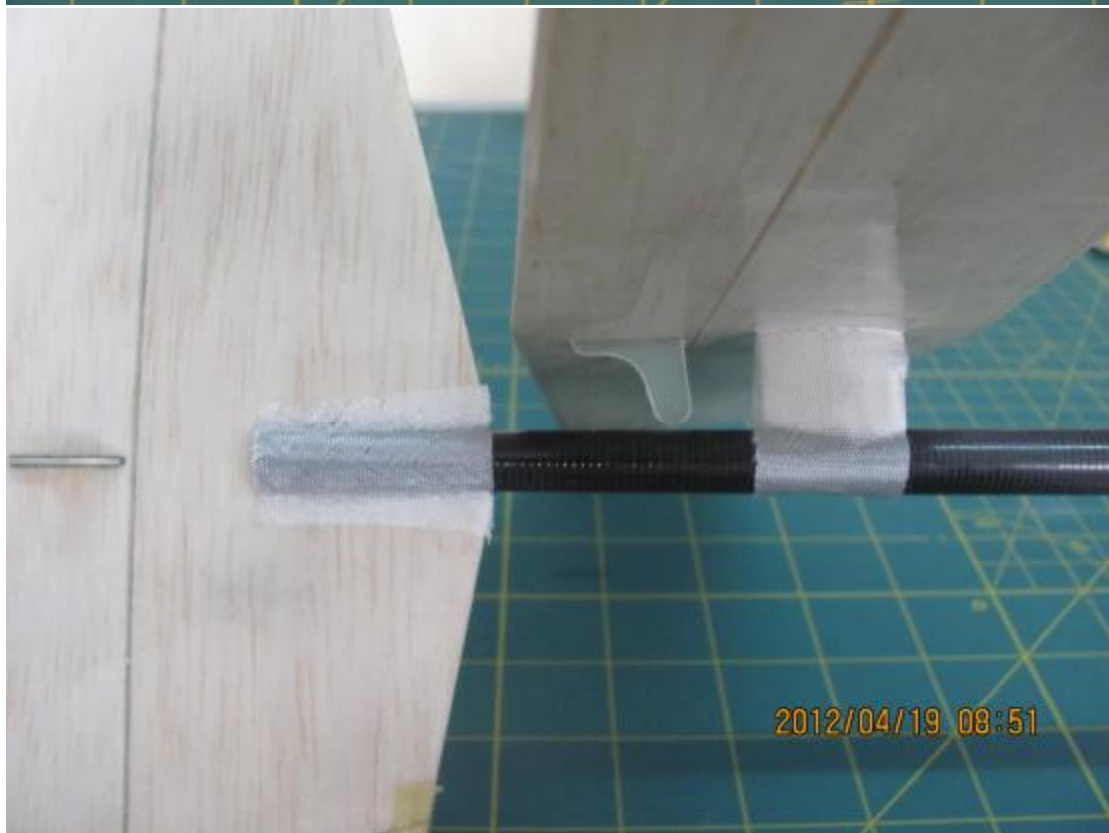
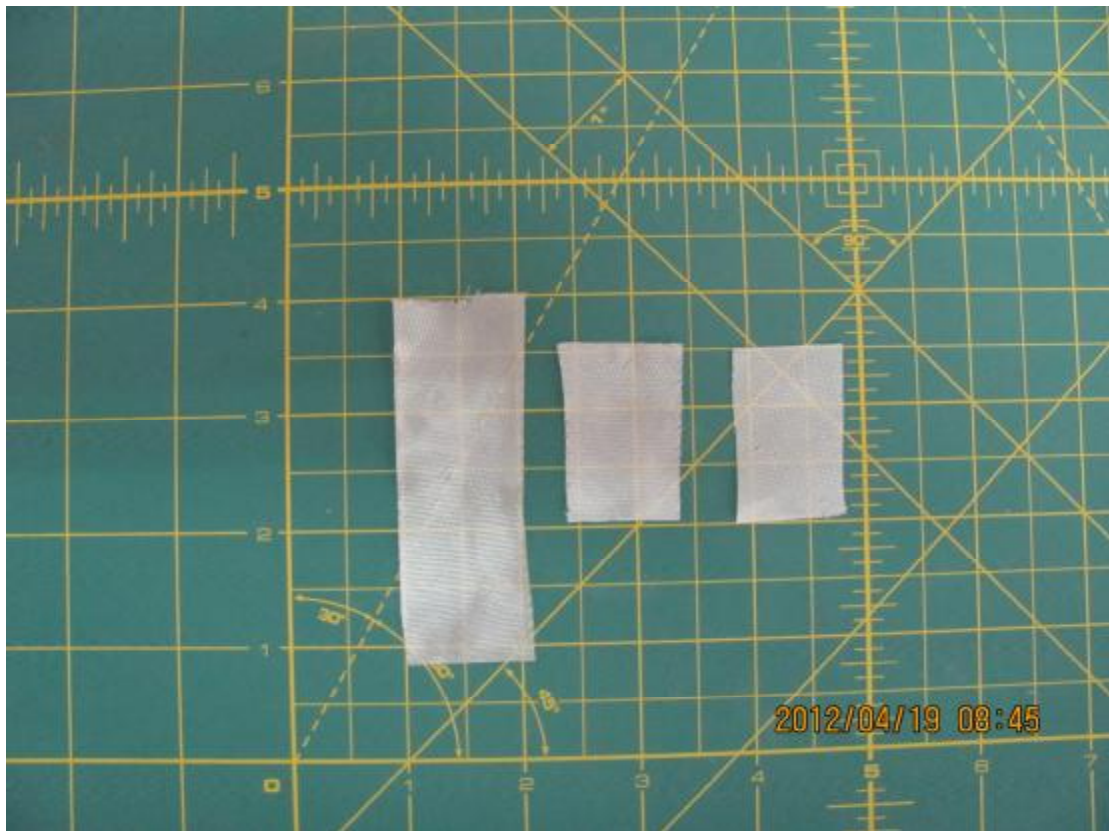


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2.9 Cut 3 pieces of fiberglass ,put them the the area

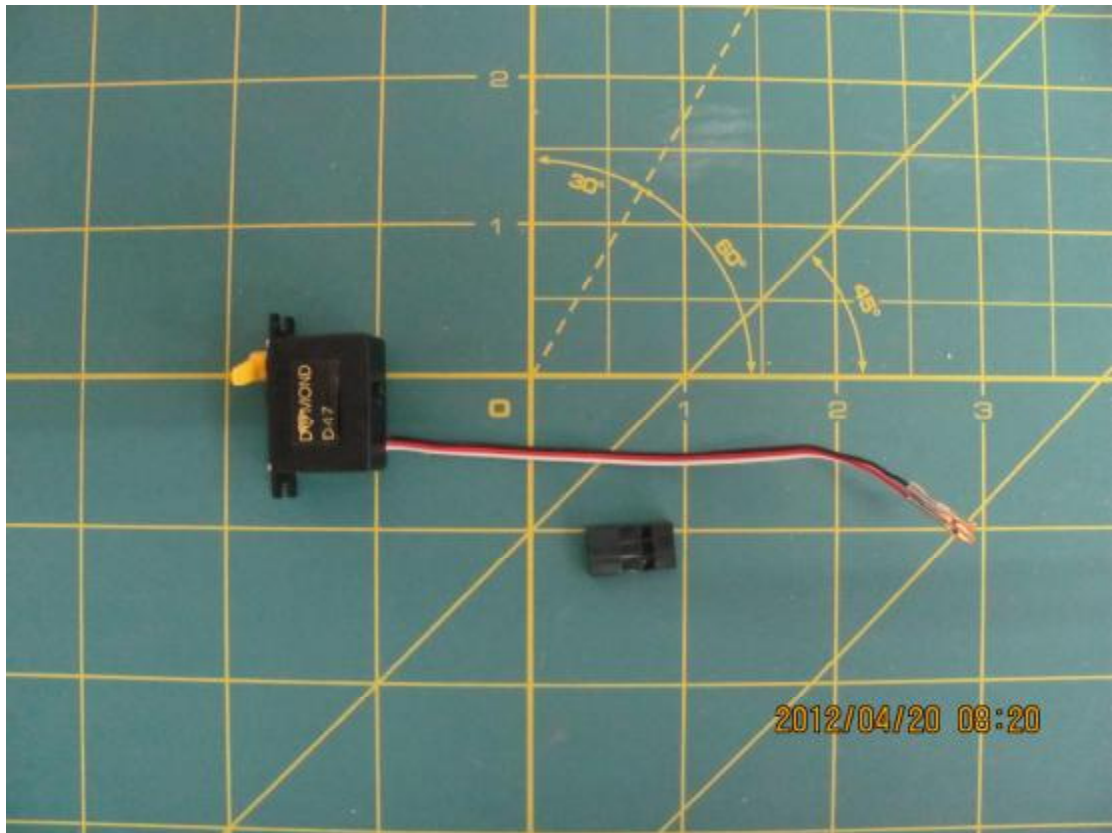
with 3m spray.then wet them

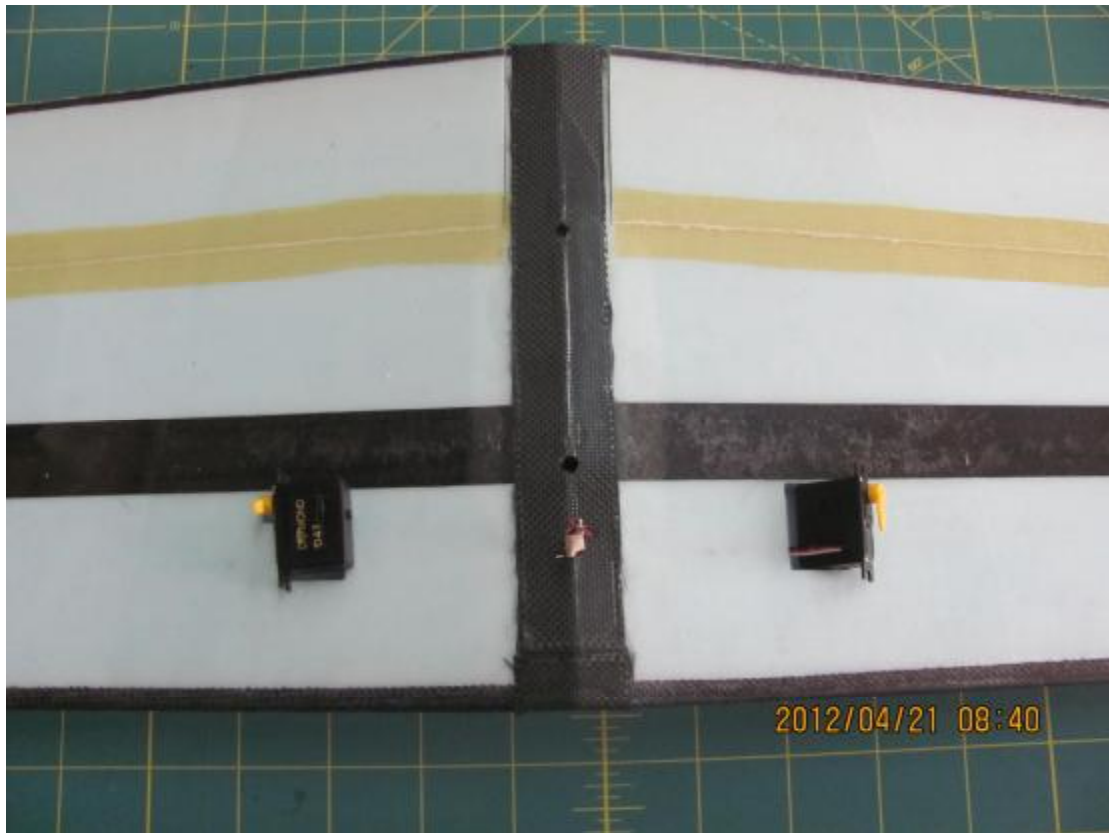




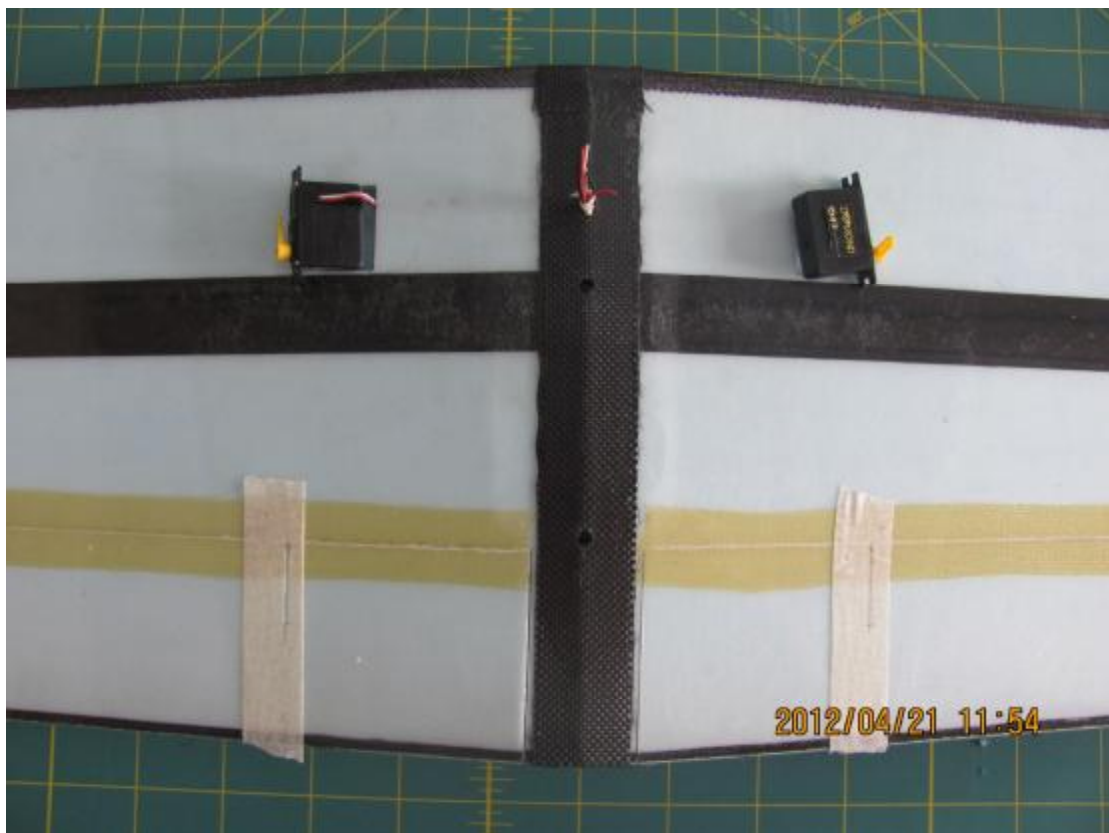
3 radio install

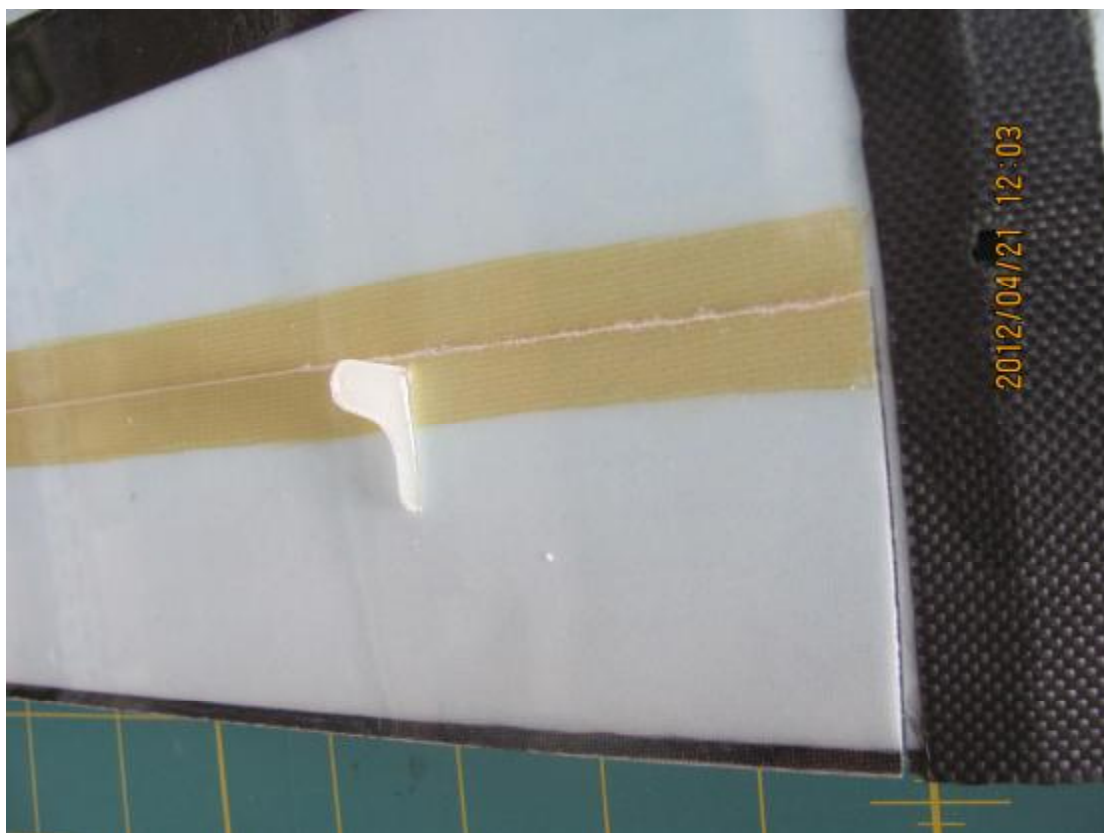
3.1 remove the plug of the servos.let the servos wire cross the hole.

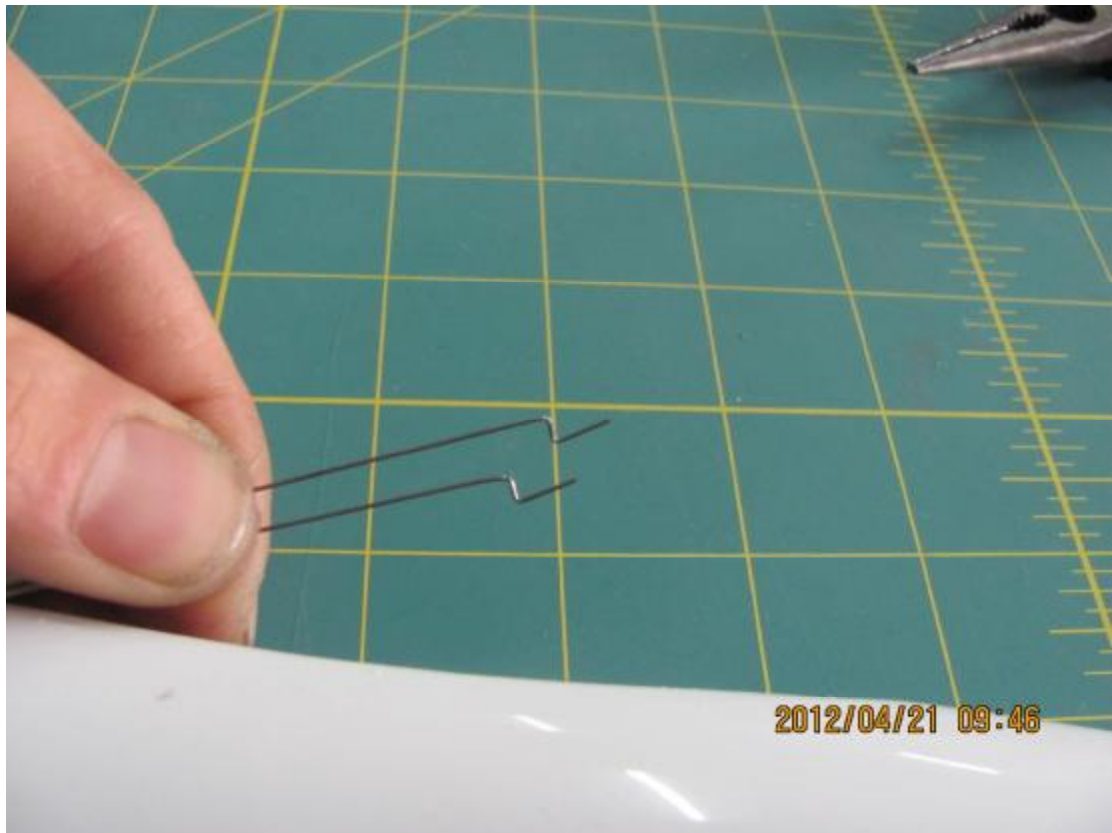


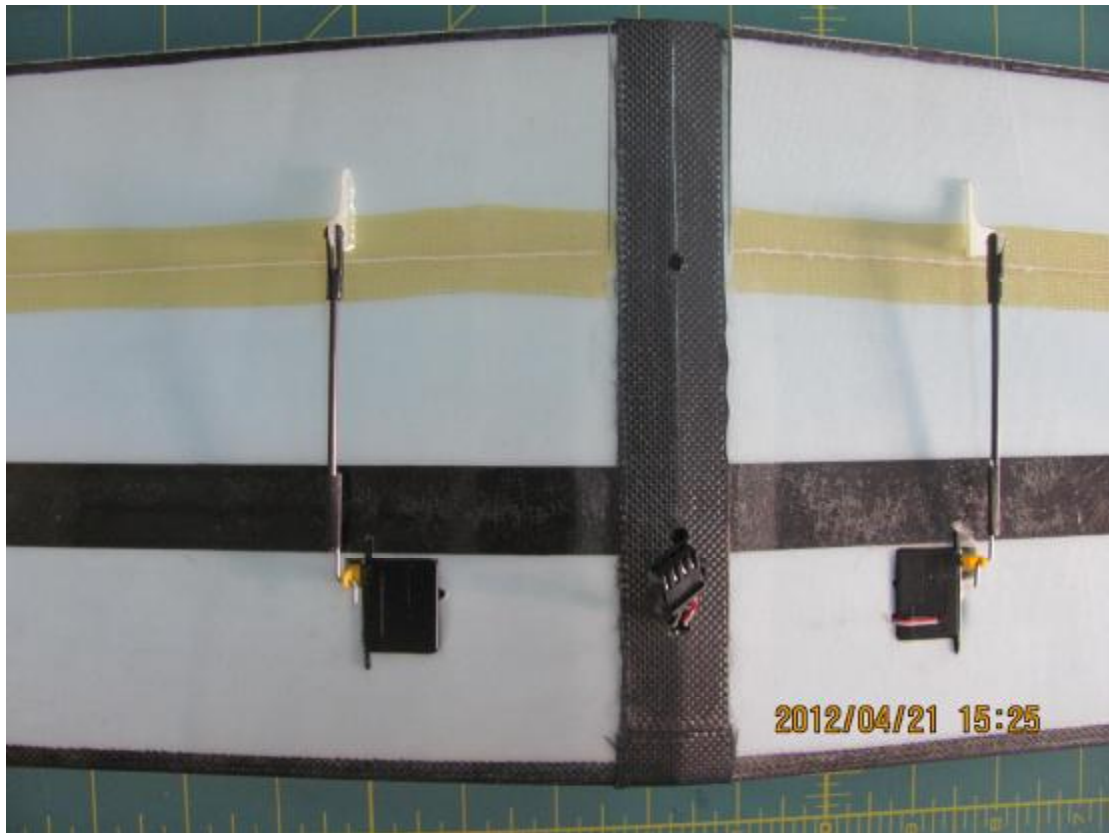


3.2 cut the slots of the horns.

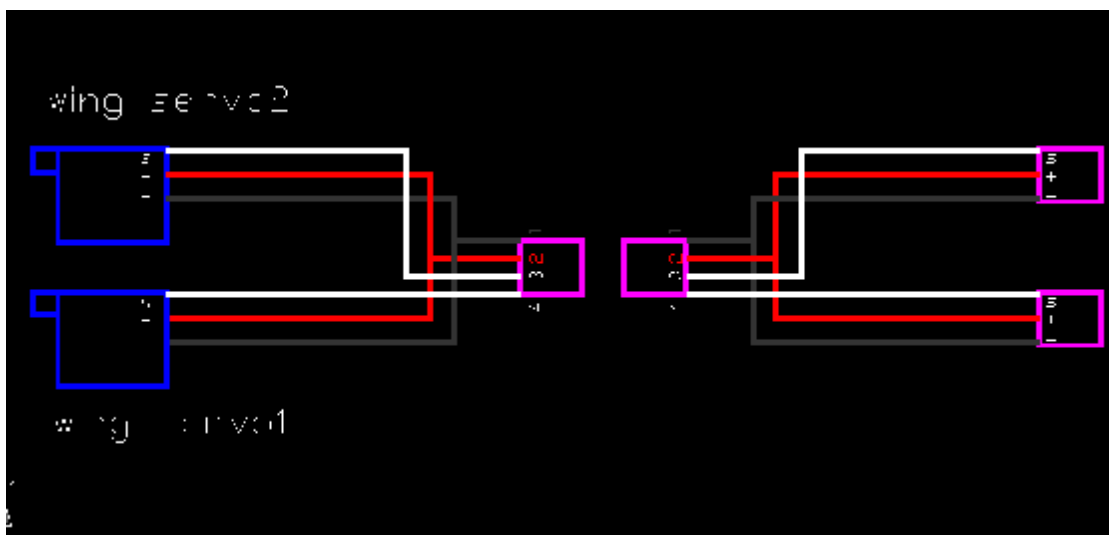


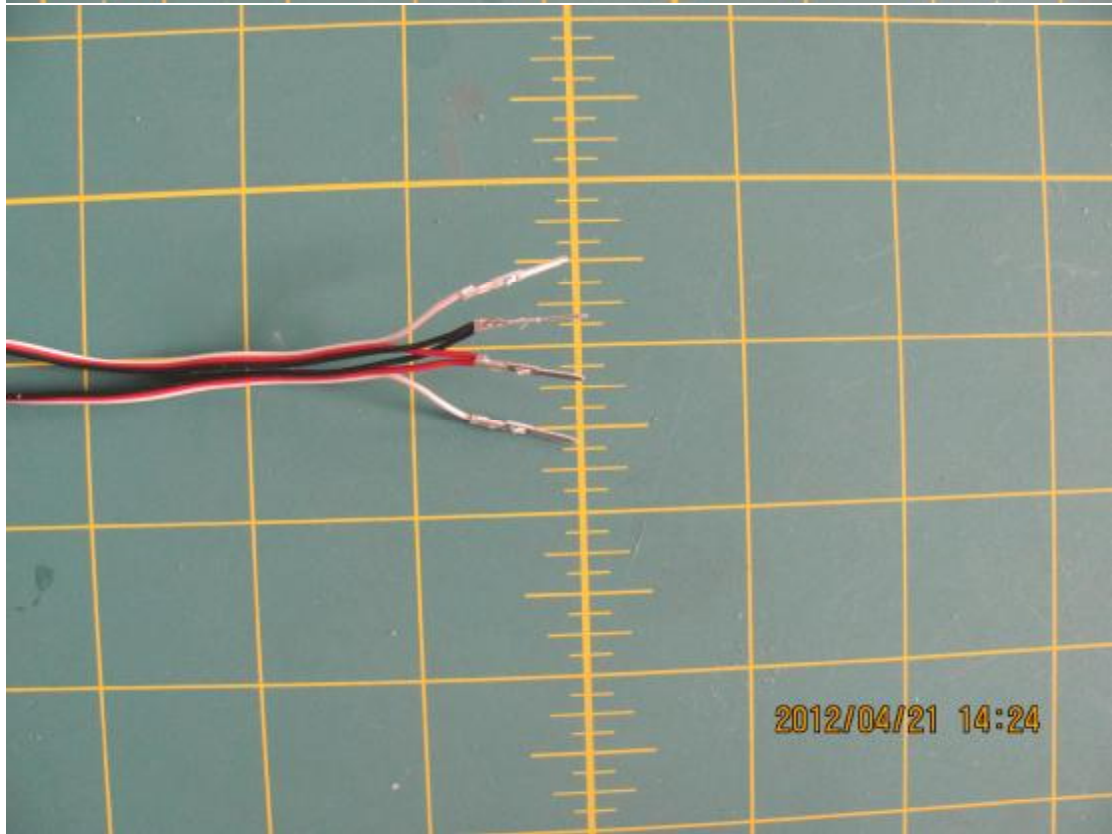
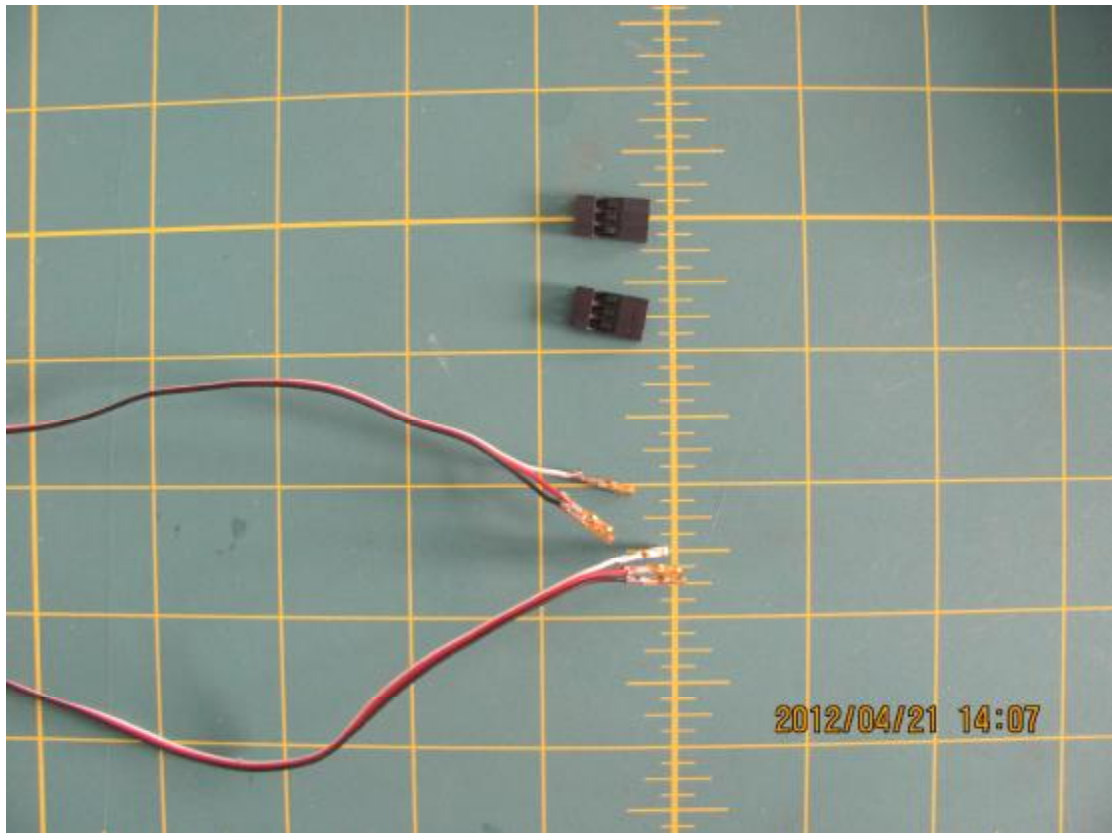


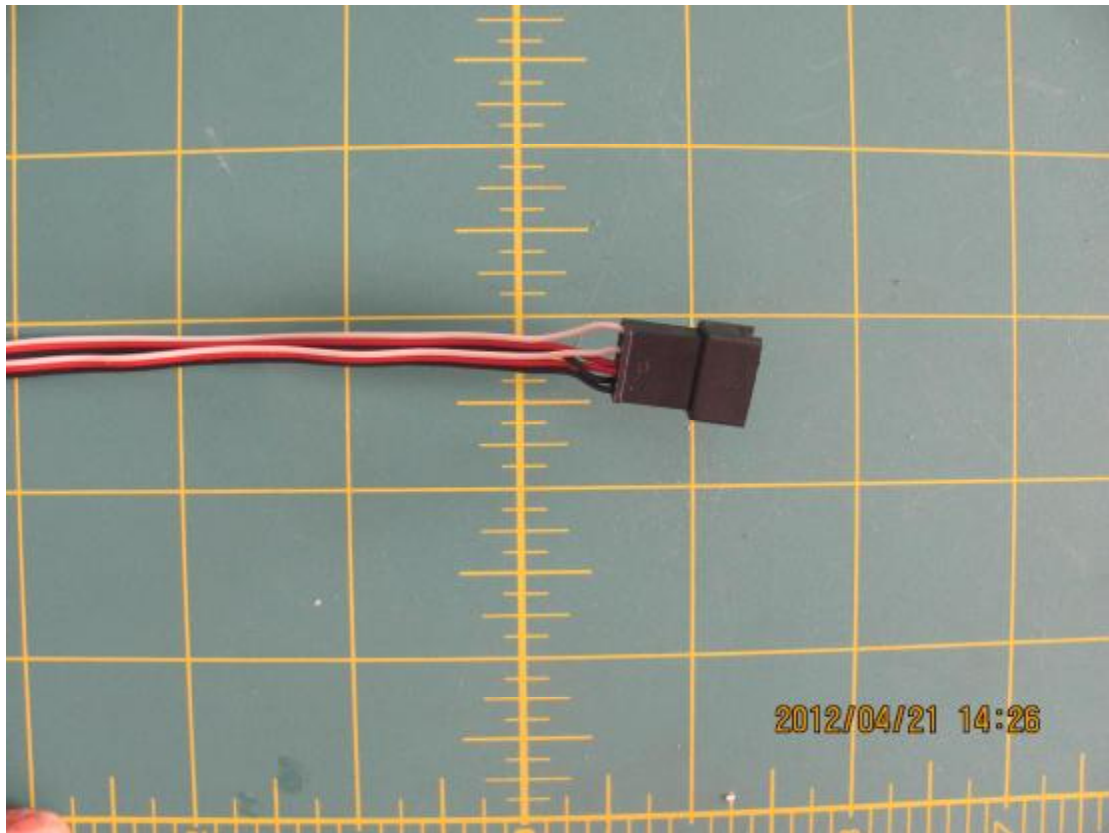




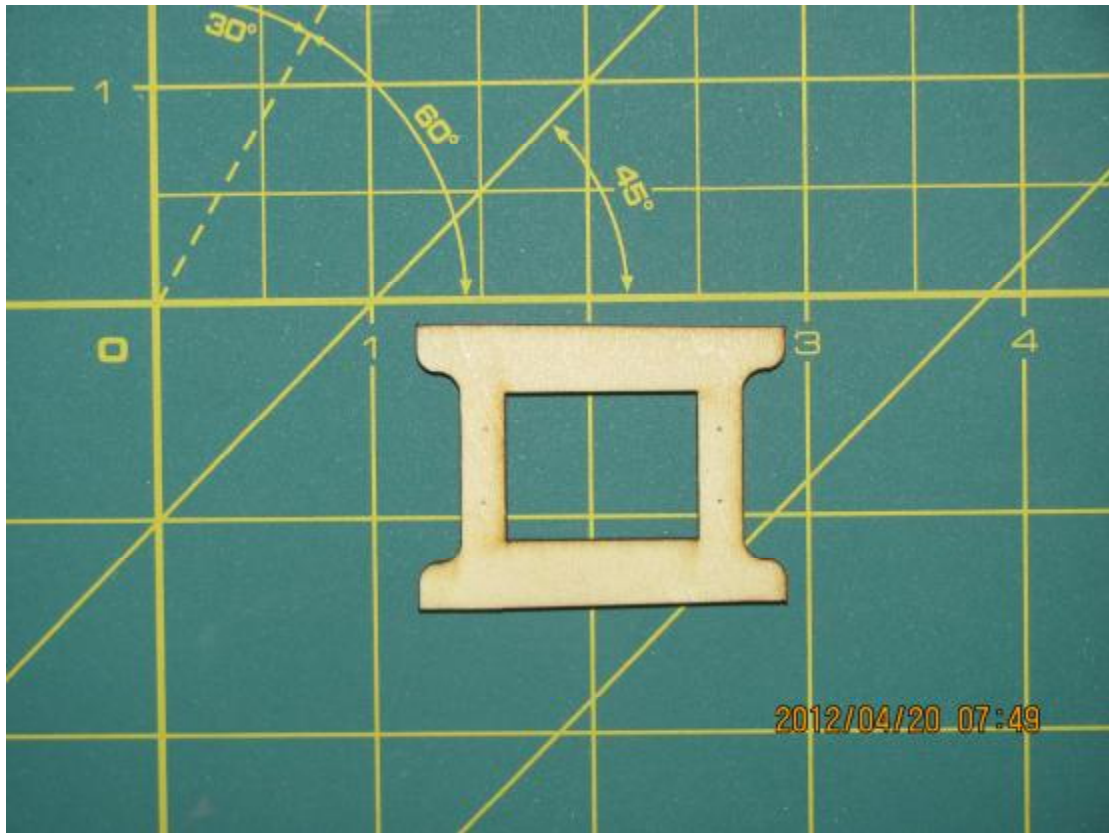
3.3 connect the extend wire with the Connector.







3.4 drill 4 hole on the servo jig. Bond in the pod.





3.5 drill 2 hole on the pod for the teflon tube.

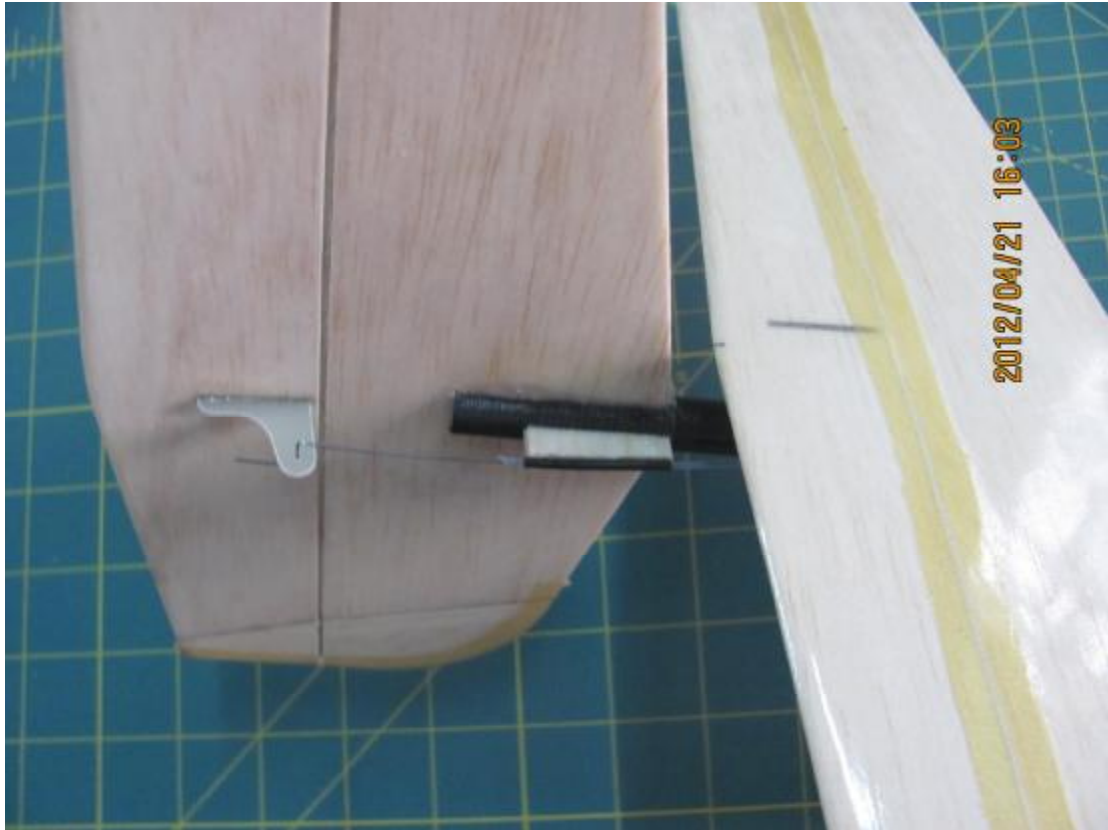


3.6 put the wing with the pod together, and bond the tail groups together

3.7 install the servo in the pod.







3.8 bond the teflon tube with the boom with the CA.



3.9 finish



